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CNAS IB0071



(2009)国安监检甲06034



NO.2613030025

MATERIAL SAFETY DATA SHEET

Product Name: Air Filter Cleaner

Revision Date: 2013-03-22

Compiler: Liu Limin

Checker: Fengzhao

Approver: Zhangxiaojin



Shanghai Research Institute of Chemical Industry Testing Centre
Shanghai Classification and Testing Centre of Dangerous
Chemicals for State Administration of Work Safety

FUZHOU HKR RACING TECH ENGINEERING INC.

SAFETY DATA SHEET

Air Filter Cleaner

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Air Filter Cleaner
Company: FUZHOU HKR RACING TECH ENGINEERING INC.
Address: Floor 8, Innovation Park, No. 108 Jiangbin Blvd., Mawei District, Fuzhou, Fujian, China
Email: hazel@autopartscm.com
Fax: 86-591-83978588
Emergency Phone: 86-591-83978512
SDS Number: 2613030025
SDS Date: 2013-03-22

SECTION2 HAZARDS IDENTIFICATION

Hazards Identification:

GHS Classification:

Skin corrosion/irritation (Category 2)

Serious eye damage/irritation (Category 1)

Acute aquatic toxicity (Category 2)

The hazards not mentioned are not applicable or no data available.

Emergency Overview:

Causes skin irritation. Causes serious eye damage. Toxic to aquatic life.

SECTION3 INFORMATION ON INGREDIENTS

Product name: Air Filter Cleaner

Ingredient	Concentration	CAS No.	EC No.
Sodium Alcohol Ether Sulphate	1-10%	9004-82-4	/
Polyoxyethylene Nonyl Phenol Ethers	1-10%	9016-45-9	500-024-6
Water	80%	7732-18-5	231-791-2

SECTION4 FIRST-AID MEASURES

Skin Exposure:

In case of contact, immediately wash skin with soap and copious amounts of water. If irritation persists, call a physician.

Eye Exposure:

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.

Inhalation Exposure:

If inhaled, remove to fresh air. If necessary, get medical attention.

Oral Exposure:

If swallowed of large amounts, immediately wash out mouth with water provided person is conscious. Call a physician.

SECTION5 FIRE FIGHTING MEASURES**Extinguishing Media:**

Suitable: Water spray, Dry chemical, Carbon dioxide or appropriate foam.

Firefighting:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION6 ACCIDENTAL RELEASE MEASURES**Procedure of Personal Precaution:**

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

Methods for Cleaning up:

Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

Environmental precautions:

Do not let product enter drains. Discharge into the environment must be avoided.

SECTION7 HANDLING AND STORAGE**Handling:**

Wear appropriate protective clothing and safety gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidizing agents. No smoking at working site.

Storage:

Store in a cool, dry and well-ventilated area. Keep away from ignition sources, heat and flame. Store in a tightly closed container. Incompatibilities: Strong oxidizing agents.

SECTION8 EXPOSURE CONTROL/PPE**Engineering Controls:**

Mechanical exhaust required. Safety shower and eye bath.

Personal Protective Equipment:

Respiratory: Government approved respirator if needed.

Eye: Chemical safety goggles.

Clothing: Wear appropriate protective clothing.

Hand: Protective gloves.

Other Protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling.

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Pale pink transparent liquid
 Odor: Weak odor
 Boiling Point/°C: 98°C
 Flash Point (Closed Cup)/°C: >95.0°C
 pH Value: 8.8 (25°C, 50.0g/L)
 Solubility: Miscible in water
 Density/Relative: $1.013 \times 10^3 \text{ kg/m}^3$ (20.0°C ± 0.1°C)
 Density:
 Viscosity: $1.642 \text{ mm}^2/\text{s}$ (20.00°C ± 0.02°C, kinematic viscosity)

SECTION10 STABILITY AND REACTIVITY

Stability:
 Stable under normal temperatures and pressures.

Materials to Avoid:
 Strong oxidizing agents.

Hazardous Polymerization:
 Will not occur.

Hazardous Decomposition Products:
 Carbon oxides, Sulphur oxides, Sodium oxides.

SECTION11 TOXICOLOGICAL INFORMATION

Acute toxicity:
 Sodium Alcohol Ether Sulphate : Rat Oral LD₅₀: 1600mg/kg
 Polyoxyethylene Nonyl Phenol Ethers: Rat Oral LD₅₀: 4290uL/kg
 Rabbit Skin LD₅₀: 2520uL/kg

Skin corrosion/irritation:
 Causes skin irritation.

Serious eye damage/irritation:
 Causes serious eye damage.

SECTION12 ECOLOGICAL INFORMATION

Toxicity:
 Polyoxyethylene Nonyl Phenol Ethers:
 Toxicity to fish mortality LOEC - Pimephales promelas (fathead minnow) - 2.0 mg/L - 144 h
 mortality NOEC - Pimephales promelas (fathead minnow) - 1.8 mg/L - 144 h
 LC₅₀ - Lepomis macrochirus (Bluegill) - 1.0 - 9.7 mg/L - 96 h
 Toxicity to daphnia and other aquatic invertebrates mortality NOEC - Daphnia magna (Water flea) - 10.0 mg/L - 144 h
 mortality LOEC - Daphnia magna (Water flea) - 20.0 mg/L - 144 h
 EC₅₀ - Daphnia magna (Water flea) - 12.2 - 17.0 mg/L - 48 h
 Toxicity to algae Growth inhibition LOEC - Pseudokirchneriella subcapitata - 16.0 mg/L - 96 h

Persistence and degradability:
 Polyoxyethylene Nonyl Phenol Ethers: Biodegradability Result: 86 % - Readily biodegradable.

Bioaccumulative potential:
 No data available.

Mobility in soil:
No data available.

SECTION13 DISPOSAL CONSIDERATION

Appropriate Method of Disposal of Substance:

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION14 TRANSPORT INFORMATION

RID/ADR: Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.
IATA: Non-Hazardous for Air Transport: Non-hazardous for air transport.
IMO: Non-Hazardous for Sea Transport: Non-hazardous for sea transport.

SECTION15 REGULATORY INFORMATION

Regulation (EC) No. 1272/2008:

Skin corrosion/irritation (Category 2)

Serious eye damage/irritation (Category 1)

SECTION16 OTHER INFORMATION



Date: 2013-03-22

Department: Shanghai Research Institute of Chemical Industry Testing Centre
Shanghai Classification and Testing Centre of Dangerous Chemicals for State Administration
of Work Safety
Tel(Fax):8621-52815377/52800971/52807275/52811034/52569800

Revision: 0

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(2009)国安监检甲06034



NO.2613030026

MATERIAL SAFETY DATA SHEET

Product Name: Air Filter Oil

Revision Date: 2013-03-21

Compiler: Liu Lintian

Checker: Fengzhao

Approver: Zhangxiangjin



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Chemicals for State Administration of Work Safety

FUZHOU HKR RACING TECH ENGINEERING INC.

SAFETY DATA SHEET

Air Filter Oil

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Air Filter Oil
Company: FUZHOU HKR RACING TECH ENGINEERING INC.
Address: Floor 8, Innovation Park, No. 108 Jiangbin Blvd., Mawei District, Fuzhou, Fujian, China
Email: hazel@autopartscm.com
Fax: 86-591-83978588
Emergency Phone: 86-591-83978512
SDS Number: 2613030026
SDS Date: 2013-03-21

SECTION2 HAZARDS IDENTIFICATION

Hazards Identification:

GHS Classification:

Carcinogenicity: Category 1B

The hazards not mentioned are not applicable or no data available.

Emergency Overview:

May cause cancer.

SECTION3 INFORMATION ON INGREDIENTS

Product name: Air Filter Oil

Ingredient	Concentration	CAS No.	EC No.
Base oil	60%	8002-05-9	232-298-5
Fatty acids	40%	/	/

SECTION4 FIRST-AID MEASURES

Skin Exposure:

In case of contact, immediately wash skin with soap and copious amounts of water. If irritation persists, call a physician.

Eye Exposure:



In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.

Inhalation Exposure:

If inhaled, remove to fresh air. Get medical attention.

Oral Exposure:

If swallowed, immediately wash out mouth with water provided person is conscious. Call a physician.

SECTION5 FIRE FIGHTING MEASURES**Extinguishing Media:**

Suitable: Dry sands, Dry chemical, Carbon dioxide or appropriate foam.

Firefighting:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION6 ACCIDENTAL RELEASE MEASURES**Procedure of Personal Precaution:**

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of vapor.

Methods for Cleaning up:

Mix with inert material (e.g. dry sand, vermiculite) and transfer to a dry, clean, lidded container for disposal. Provide ventilation.

Environmental precautions:

Do not let product enter drains.

SECTION7 HANDLING AND STORAGE**Handling:**

Wear appropriate protective clothing and safety gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatible: strong oxidizing agents.

Storage:

Store in a cool, dry and well-ventilated area. Keep away from ignition sources, heat and flame. Store in a tightly closed container. Incompatibilities: Strong oxidizing agents.

SECTION8 EXPOSURE CONTROL/PPE**Engineering Controls:**

Mechanical exhaust required. Safety shower and eye bath.

Personal Protective Equipment:

Respiratory: Government approved respirator.

Eye: Wear chemical safety goggles.

Clothing: Wear appropriate protective clothing.

Hand: Wear chemical resistant gloves.

Other Protection:

No smoking, drinking and eating at working site. Wash hands thoroughly after handling.

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Yellow liquid

Odor: Weak odor
Boiling Point/°C: >150°C
Flash Point
(Closed Cup)/°C: >95°C
pH Value: 5.6(25°C, 50.0g/L)
Solubility: Slightly soluble in water
Density/Relative 0.9012×10³ kg/m³ (20.0°C±0.1°C)
Density:
Viscosity: 138.5mm²/s (20.00°C±0.02°C, kinematic viscosity)

SECTION10 STABILITY AND REACTIVITY

Stability:

Stable under normal temperatures and pressures.

Materials to Avoid:

Strong oxidizing agents.

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

Carbon monoxide (CO) and Carbon dioxide (CO₂).

SECTION11 TOXICOLOGICAL INFORMATION

Toxicity Data:

Rat Oral LD₅₀: >4300mg/kg;

Mouse Oral LD₅₀: >4300mg/kg.

Skin corrosion/irritation:

No data available.

Serious eye damage/irritation:

No data available.

Carcinogenicity:

May cause cancer.

SECTION12 ECOLOGICAL INFORMATION

Toxicity:

No data available.

Persistence and degradability:

No data available.

Bioaccumulative potential:

No data available.

Mobility in soil:

No data available.

SECTION13 DISPOSAL CONSIDERATION

Appropriate Method of Disposal of Substance:

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION14 TRANSPORT INFORMATION

RID/ADR: This substance is considered to be non-hazardous for transport.
IATA: This substance is considered to be non-hazardous for transport.
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SECTION15 REGULATORY INFORMATION

Regulation (EC) No.1272/2008:
Carcinogenicity: Category 1B

SECTION16 OTHER INFORMATION

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